

ABSTRACT

An improved plunger mechanism apparatus to increase well flow production levels.

Efficiency of well flow is increased by a two—piece plunger assembly apparatus that is

- 5 mechanically latched during lift, separates at the well top, and allows a bottom assembly to efficiently fall to the well bottom. The top plunger piece is held at the well top for a set time or condition and when released, its open internal orifice allows it to fall to the well bottom in an efficient manner, and when at the well bottom it mechanically latches, either via a magnetic or mechanical connection, to the bottom assembly.